

Amendments to the Claims

Please cancel withdrawn claims 1-6 and 10-37 without prejudice, amend claims 7-8 as set forth below, and add new claims 38-45 as follows. This listing of claims will replace all prior versions and listings of claims in the present application.

1-6 (canceled)

7. (currently amended) An isolated protein or polypeptide ~~encoded by the nucleic acid molecule according to claim 1~~ selected from the group consisting of (i) a protein or polypeptide comprising an amino acid sequence of SEQ ID NO: 7 or SEQ ID NO: 66, and (ii) a protein or polypeptide encoded by a nucleic acid molecule whose complement hybridizes, at a temperature of at least about 37°C in a medium comprising at most about 0.9M SSC, to a DNA molecule comprising the nucleotide sequence of SEQ ID NO: 6 or SEQ ID NO: 65.

8. (currently amended) The isolated protein or polypeptide according to claim 7, wherein the protein or polypeptide comprises an amino acid sequence of ~~SEQ ID No. 3, SEQ ID No. 5, SEQ ID No. 7, SEQ ID No. 9, SEQ ID No. 11, SEQ ID No. 13, SEQ ID No. 15, SEQ ID No. 17, SEQ ID No. 20, SEQ ID No. 22, SEQ ID No. 24, SEQ ID No. 26, SEQ ID No. 28, SEQ ID No. 30, SEQ ID No. 32, SEQ ID No. 34, SEQ ID No. 36, SEQ ID No. 38, SEQ ID No. 40, SEQ ID No. 42, SEQ ID No. 44, SEQ ID No. 46, SEQ ID No. 48, SEQ ID No. 50, SEQ ID No. 52, SEQ ID No. 54, SEQ ID No. 56, SEQ ID No. 58, SEQ ID No. 60, SEQ ID No. 62, SEQ ID No. 64, or SEQ ID No. 66~~ SEQ ID NO: 7 or SEQ ID NO: 66.

9. (original) A composition comprising:
a carrier and
a protein or polypeptide according to claim 7.

10-37 (canceled)

38. (new) The isolated protein or polypeptide according to claim 7, wherein the protein or polypeptide is a recombinant protein or polypeptide.

39. (new) The isolated protein or polypeptide according to claim 7, wherein the protein or polypeptide is at least about 80% pure.

40. (new) The isolated protein or polypeptide according to claim 7, wherein the protein or polypeptide is at least about 90% pure.

41. (new) The isolated protein or polypeptide according to claim 7, wherein the protein or polypeptide is encoded by a nucleic acid molecule whose complement hybridizes, at a temperature of at least about 37°C in a medium comprising at most about 0.9M SSC, to a DNA molecule comprising the nucleotide sequence of SEQ ID NO: 6 or SEQ ID NO: 65.

42. (new) The isolated protein or polypeptide according to claim 7, wherein the protein or polypeptide is encoded by a nucleic acid molecule whose complement hybridizes, at a temperature of at least about 42°C in a medium comprising at most about 0.9M SSC, to a DNA molecule comprising the nucleotide sequence of SEQ ID NO: 6 or SEQ ID NO: 65.

43. (new) The isolated protein or polypeptide according to claim 7, wherein the protein or polypeptide is encoded by a nucleic acid molecule whose complement hybridizes, at a temperature of about 65°C in a medium comprising at most about 0.9M SSC, to a DNA molecule comprising the nucleotide sequence of SEQ ID NO: 6 or SEQ ID NO: 65.

44. (new) The composition according to claim 9, wherein the protein or polypeptide comprises an amino acid sequence of SEQ ID NO: 7 or SEQ ID NO: 66.

45. (new) The composition according to claim 9, wherein the protein or polypeptide is encoded by a nucleic acid molecule whose complement hybridizes, at a temperature of at least about 37°C in a medium comprising at most about 0.9M SSC, to a DNA molecule comprising the nucleotide sequence of SEQ ID NO: 6 or SEQ ID NO: 65.
